PTO/SB/08A (08-03

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Substitute to	or form 1449/PT	U		Application Number	10/765,622	
INFO	ORMATION	N DISC	Losure	Filing Date	January 26, 2004	
STA	TEMENT!	by api	PLICANT	First Named Inventor	Anthony Hermann van Zuilekom	
		. 4		Group Art Unit	3672	
(Use as many sheets as necessary)				Examiner Name	Unknown	
Sheet	6	of	8	Attomey Docket Number	1391-48300	

			U.S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number	Publication Date Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
muais No.		Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
~		^{US-} 6,557,640 B1	05-06-2003	Cook et al.		
		^{US-} 2001/0035289 A1	11-01-2001	Runia		
		US-2002/0189339 A1	12-19-2002	Montalvo et al.	••	
		^{US-} 2003/0068599 A1	04-10-2003	Balfour et al.		
		US-2003/0098162 A1	05-29-2003	Cook		
		^{US-} 6,568,487 B2	05-27-2003	Meister et al.		
		^{OS-} 6,658,930 B2	12-09-2003	Acien_Alobas		
<u> </u>		^{US-} 2004/0079909 A1	04-29-2004	Foster		
		US-				
		US-				
		US-	<u> </u>			
		US-				

		FOR	EIGN PATENT D	OCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code*Number*Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
مبه		GB 2 378 719 A	02-19-2003	Schlumberger Holdings Limited		
		SU 306745	12-11-1972	Khamzin et al.		
		SU 1,735,575 A1	05-23-1992	Vnii Neftepromy Geofiz		
		SU 1,745,894 A1	07-07-1992	Mullaev et al.		
7		SU 1,763,646 A1	09-23-1992	Vini PK I Geofiz		
		RU 2 097 555 C1	11-27-1997	Shmelev Valerij Ivanovich		
		RU 2 120 023 C1	10-10-1998	Mirsatiovich et al.		L
T^{-}		RU 2 128 278 C1	03-27-1999	Gabdullin et al.		
T^{-}		RU 2 201 495 C2	03-27-2003	Evich et al.		
		WO 81/02457	09-03-1981	Foster-Miller Associates		
		WO 97/28348	08-07-1997	Smith International (North Sea) Ltd.		
		WO 99/36663	07-22-1999	Smith International, Inc.		
		WO 00/43812	07-27-2000	Halliburton Energy Services, Inc.		L
1-		WO 01/98630 A1	12-27-2001	Schlumberger Technology B.V.		

Examiner Signature	Drille On	Date Considered	9/2/0/

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Substitute for form 1449/PTO		Complete if Known			
Substitute to	stute for form 1449/PTO			Application Number	10/765,622
INFO	RMATIO	N DISC	LOSURE	Filing Date J	January 26, 2004
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Anthony Hermann van Zuilekom
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	-	US-4,003,581	01-18-1977	Hutchinson	rigures Appear	
		⁰⁵ -4,046,011	09-06-1977	Olsen		
	ļ					
	├	US-4,053,354	10-11-1977	Kitsnik		
└	ļ	US-4,146,092 Ø	25-27-1979	Upton		
Ц		^{US-} 4,161,319	07-17-1979	Stocking		
		⁰⁵⁻ 4,210,018	07-01-1980	Brieger		
		^{OS-} 4,224,987	09-30-1980	Allen		
		^{US-} 4,234,197	11-18-1980	Amancharla		
		^{US-} 4,246,782	01-27-1981	Hallmark	·	
		US-4,248,081	02-03-1981	Hallmark		
		^{US-} 4,252,195	02-24-1981	Fredd .		
	1	^{US-} 4,270,385	06-02-1981	Hallmark		
		^{US-} 4,287,946	09-08-1981	Brieger		
		^{US-} 4,288,082	09-08-1981	Setterberg, Jr.		
		^{0S-} 4,289,200	09-15-1981	Fisher, Jr.		
		^{US-} 4,292,842	10-06-1981	Hallmark		
		^{US-} 4,302,018	11-24-1981	Harvey et al.		
		^{US-} 4,323,256	04-06-1982	Miyagishima et al.		
		^{US-} 4,339,948	07-20-1982	Hallmark		
		^{US-} 4,416,152	11-22-1983	Wilson		
		^{US-} 4,434,653	03-06-1984	Montgomery		
		^{US-} 4,441,721	04-10-1984	Harris et al.		
		^{US-} 4,444,400	04-24-1984	Norman		

			FOREIGN PAT	ENT DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code*Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰
7		CA2,204,329	11-03-1997	Willaue'r et al.		
		CA2,215,422	02-12-1999	Boyd et al.		
		CA2,318,157	07-22-1999	Smith International		
\neg		CA2,389,123	12-13-2002	Schlumberger Canada		
		CN 1356452	07-03-2002	Acad. Petroleum Explor.		
		EP 0 102 756 B1	12-17-1986	Halliburton Company		

Examiner Signature	avelle Ma	Date Considered	9/27/05

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